

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please AMEND the claims as follows:

1. (CURRENTLY AMENDED) A label address translating device for obtaining an address from a label described in a program, comprising:

a program processing unit decoding the program, and judging whether or not the an address described in the decoded program is obtained from the label effective when in the decoding and processing of the program; and

a label address translating unit performing an exception handling for re-writing an address described in the decoded program into an effective address which is obtained based on said label ~~onto of~~ said program when said program processing unit judges it is judged that the address is not ~~obtained from the label~~ effective.

2. (CURRENTLY AMENDED) A label address translating device according to claim 1, wherein said label address translating unit uses a table showing a relationship between the label and the effective address.

3. (CURRENTLY AMENDED) A label address translating device according to claim 1, wherein said program processing unit, when the address indicated by the label is not a real address, judges that the address is not ~~obtained from the label~~ effective.

4. (CURRENTLY AMENDED) A label address translating method of obtaining an address from a label described in a program, comprising:

decoding and processing the program;

judging whether or not ~~the an~~ address ~~is obtained from the label~~ described in the decoded program is effective when ~~the~~ decoding and processing the program in said processing; and

performing an exception handling for re-writing an the address described in the decoded program into an effective address which is obtained based on said label ~~ente~~ of said program when ~~said program processing unit judges it is judged~~ that the address is not ~~obtained from the label effective~~.

5. (CURRENTLY AMENDED) A label address translating method according to claim 4, wherein said performing step involves reading the address to be obtained from a table showing a relationship between the label and the effective address.

6. (CURRENTLY AMENDED) A label address translating method according to claim 4, wherein said judging step includes judging, when the address indicated by the label is not a ~~real address, that the address is not obtained from the label~~ effective.

7. (CURRENTLY AMENDED) A readable-by-computer medium stored with a second program for making a computer function as a label address translating device for obtaining an address from a label described in a first program, said second program comprising:

judging whether or not ~~the an~~ an address described in said first decoded program is obtained from the label effective when decoding and processing said first program;

performing an exception handling for re-writing an the address described in said first decoded program into an effective address which is obtained based on said label ~~ente~~ of said program when ~~said program processing unit judges it is judged~~ that the address is not ~~obtained from the label effective~~.

8. (CURRENTLY AMENDED) A label address translating device for obtaining an address from a label described in a program of one of an interpreter and a compiler, comprising:

a ~~program processing~~ decoding unit decoding the program;

a judging unit judging whether or not ~~the an~~ an address is obtained from the label when in the processing of the program described in the decoded program is effective; and

a label address translating unit performing an exception handling for re-writing an the address described in the decoded program into an effective address which is obtained based on said label ~~ente~~ of said program when ~~said program processing unit judges it is judged~~ that the address is not ~~obtained from the label effective~~.

9. (CURRENTLY AMENDED) A label address translating method of obtaining an address from a label described in a program of one of an interpreter and a compiler, comprising:

~~processing~~ decoding the program;

judging whether or not ~~the~~ an address ~~is obtained from the label when the processing the program in said processing~~ described in the decoded program is effective; and

performing an exception handling for re-writing an the address described in the decoded program into an effective address which is obtained based on said label ~~onto~~ of said program when ~~said program processing unit judges~~ it is judged that the address is not ~~obtained from the label~~ effective.

10. (CURRENTLY AMENDED) A computer readable medium storing a first program making a computer function as a label address translating device for obtaining an address from a label described in a second program of one of an interpreter and a compiler, when said computer executes said first program, said first program comprising:

decoding the second program;

judging whether or not ~~the~~ an address ~~is obtained from the label when processing said second program~~ described in the second decoded program is effective; and

performing an exception handling for re-writing an the address described in the second decoded program into an effective address which is obtained based on said label ~~onto~~ of said second program when ~~said program processing unit judges~~ it is judged that the address is not ~~obtained from the label~~ effective.

11. (WITHDRAWN) A program translating device comprising:

an encode unit encoding a source code of a program of one of an interpreter and a compiler, said program being described by using a label; and

an exception handling unit performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

12. (WITHDRAWN) A program translating method comprising:

encoding a source code of a program of one of an interpreter and a compiler, said program being described by using a label; and

performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

13. (WITHDRAWN) A computer readable medium storing a translating program for making a computer function as a program translating device when the computer executes the program, said translating program comprising:

encoding a source code of a target program of one of an interpreter and a compiler, said target program being described by using a label; and

performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

B9
14. (CURRENTLY AMENDED) A computer program making a computer function as a label address translating device for obtaining an address from a label described in a target program, when the computer executes the program, said program comprising:

decoding the target program;

judging whether or not ~~the~~ an address ~~is obtained from the label when the processing said target program~~ described in the target decoded program is effective; and

performing an exception handling for re-writing an ~~the~~ address described in the target decoded program into an effective address which is obtained based on said label ~~onto said of the target program when said program processing unit judges it is judged~~ that the address is not obtained from the label effective.

15. (CURRENTLY AMENDED) A computer program for making a computer function as a label address translating device for obtaining an address from a label described in a target program of one of an interpreter and a compiler, when the computer executes the program, said program comprising:

decoding the target program;

judging whether or not ~~the~~ an address ~~is obtained from the label when processing said first program~~ described in the target decoded program is effective; and

performing an exception handling for re-writing an ~~the~~ address described in the target decoded program into an effective address which is obtained based on said label ~~onto said of the target~~ program when ~~said program processing unit judges~~ it is judged that the address is not ~~obtained from the label~~ effective.

69
16. (WITHDRAWN) A computer program for making a computer function as a program translating device when the computer executes the program, said program comprising:

encoding a source code of a target program of one of an interpreter and a compiler, said target program being described by using a label; and

performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.
